











CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

WARNING: SHOCK HAZARDDO NOT OPEN





The lightning flash with an arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation mark within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

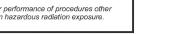
To prevent direct exposure to the laser beam, do not try to open the enclosure

### WARNINGS:

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

**DO NOT REMOVE COVER or OPEN CASING.**Dangerous high voltages are present inside the enclosure. Do not open the casing. Refer servicing to qualified personnel only.

Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure.





### LASER:

Type: Dual semiconductor laser GaAlAs Wavelength: 650nm and 780nm Output Power: 7mW Beam Divergence: 60 degrees



INVISIBLE LASER RADIATION WHEN OPEN OR INTERLOCK FAILED OR DEFEATED.

### WARNINGS:

DO NOT STARE INTO BEAM. Avoid direct exposure to laser beam.

To prevent direct exposure to laser beam, do not try to open the enclosure.





















### **IMPORTANT SAFETY INSTRUCTIONS**

**CAUTION**: Read and observe all warnings and instructions in this user guide and those marked on your unit. Retain this guide for future reference.

This unit has been designed and manufactured in a way that ensures your personal safety.

Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit will protect you if you observe the following procedures for installation, use, and servicing. This unit does not contain any parts that can be repaired by the user.

Do not remove the casing or you may be exposed to dangerous voltage. Refer servicing to qualified service personnel only.

- · Read all safety and operating instructions before operating your unit.
- Keep safety, operation, and use instructions for future reference
- Heed all warnings on your unit and in the operating instructions.
  All operation instructions should be followed.
- Do not use this unit near water. For example, do not use this unit near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool or other areas located near water.
- Clean only with a dry cloth. Unplug this unit from the wall outlet before cleaning. Do not use liquid
- Install in accordance with these instructions. Do not block the ventilation slots and openings in the unit, in order to ensure ventilation, and reliable operation of your unit. This will also prevent the unit from over-heating.
- Do not place unit on a bed, sofa, carpet or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless correct ventilation is provided or these instructions have been adhered to.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other electronic devices (including amplifiers) that produce heat.
- Prevent the power cord from being walked on or pinched particularly at plugs and connections.
- The power cord and mains plug should remain easily accessible.
  Use only attachments or accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket or table specified by the manufacturer, or sold with this unit. Exercise caution when moving the cart/unit combination to avoid injury from tip-over.
- Unplug this unit during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when your unit has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled into your unit or objects have fallen into it, your unit has been exposed to rain or moisture, it does not
- operate normally, or it has been dropped.

   When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.





















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### PACKAGE

DVD player Remote control

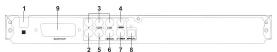
## A/V cable Instruction manual FRONT AND BACK PANEL

### Front panel



- 1. POWER button
  2. Disc tray
  3. LED display
  4. Infrared (IR) remote control sensor
  5. OPEN/CLOSE ≜ button
  6. PLAY/PAUSE ► button
  7. STOP button
  8. USB port

### Back panel



- 1. Power cord
  2. L (Left) audio output
  3. Component video output (Y,Pb/Cb,Pr/Cr)
  4. Composite VIDEO output
  5. R (Right) audio output
  6. Digital COAXIAL output
  7. S-VIDEO output
  8. Digital OPTICAL output
  9. SCART output















Connecting to a TV

The way in which the unit is connected and the kinds of cables used can make a noticeable difference in picture and sound quality. Before selecting one of the options, please make sure that any other equipment has the required input/output connections. Use any of the options below:

Diff	Different options for connecting your DVD player to a TV						
Output(s)	Picture quality	Cable	Cable supplied (Yes/No)	Video mode (Press the VIDEO OUT button on the remote control)			
SCART	Normal	SCART cable	No	RGB			
Composite VIDEO output + L/R (Left/Right) audio outputs	Normal	A/V cable (yellow+white+red)	Yes	RGB			
S-VIDEO output + L/R (Left/Right) audio outputs	Good	S-VIDEO cable + A/V cable (white + red)	No	S-VIDEO			
Y, Pb/Cb, Pr/Cr component video output + L/R (Left/Right) audio outputs	Very good	Component video + audio cable (white + red)	No	Component YUV (INTERLACE – YCbCr), P-SCAN YPbPr (for a TV with progressive scan)			

**Connecting to amplifier**You can connect an amplifier to your DVD player in several different ways:

Different options for connecting to an amplifier							
Output	Sound quality	Cable	Cable supplied (Yes/No) Yes (A/V cable)				
L/R (Left/Right) audio outputs	Normal	Audio cable (white + red)					
Digital coaxial output (COAXIAL)	Very good	Coaxial audio cable	No				
Digital optical output (OPTICAL)	Very good	Optical cable	No				

### REMOTE CONTROL

- 1. USTANDBY
- 2. AUDIO
- 3. **0 9, 10+** (number keys)
- 4. CLEAR
- 5. SETUP

- 8. **STEP**
- 9.  **STOP**
- 10. **VOL** +
  11. **L/R** (Left/ Right)









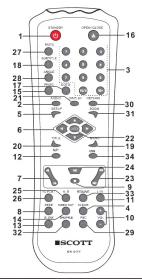








- 13. **SLOW**
- 14. VIDEO OUT (Video mode)
- 15. PROG (PROGRAM)
- 16. ≜OPEN/CLOSE
- 17. GOTO
- 18. SUBTITLE
- 19. **MENU**
- 20. TITLE 21. DISPLAY
- 22. ENTER
- 23 Idd/bbi PREV/NEXT
- 24. ► PLAY/PAUSE
- 25. A-B Repeat
- 26. REPEAT
- 27. MUTE
- 28. ANGLE
- 29. PBC (playback control for VCD)
- 30. RETURN
- 31. **ZOOM**
- 32. SHUFFLE
- 33. RESUME
- 34. **USB**





### **GETTING STARTED & BASIC SETUP**

### **GETTING STARTED**

- Power supply for the unit
  1. Carry out the connections for the unit as shown in CONNECTIONS.
  2. Insert 2 AAA batteries (supplied) into the battery compartment in the remote control, taking care to

- Insert 2 MAX batteries (supplied) into the battery compartment in the remote control, taking care to follow the correct polarities.
   Connect the power cord to an AC mains outlet. Press the POWER button to turn on the unit.
   Turn on the TV and set to the correct video-in source.
   To go to standby mode, press the OSTANDBY button on the remote control. If the unit is not to be used for a long time, please disconnect the power cord.

### Notes:

- The effective distance for remote control operation is about 5 meters.

  Replace the batteries when the remote control operating distance starts to reduce.

  If the remote control is not to be used for a long time, remove the batteries to avoid damage caused.

- If the remote control is not to be used for a long time, remove the batteries to avoid damage caused by battery leakage.

  Precautions when using batteries

  1. Use only the size and type of batteries specified.

  2. Ensure that you follow the correct polarities marked in the battery compartment when installing the batteries. Reversed batteries may damage the remote control.

  3. Exhausted batteries must be removed to prevent possible battery leakage.

  4. Dispose of batteries properly according to environmental regulations.

  Inserting a disc

1. Press the A OPEN/CLOSE button on the remote or the button on the front panel to open the disc tray.













2. Insert a disc, press the ≜ OPEN/CLOSE button on the front panel or the button on the remote control to close the disc tray. The unit will read the disc and start to play it, or it will display a start menu.

### Inserting a USB device

Insert a USB device into the unit. In stop mode or when there is no disc, press the USB button on the remote control and use the ▲/▼ buttons to select the source: DISC or USB. Press the ENTER button

### **BASIC SETUP**

### Setup Menu

Setup Menu
The Setup menu allows you to configure the language, video, audio and general settings of the player. Press the SETUP button to access the setup menu.
Use the △▼ ✓ and Þ- arrow buttons to adjust the setting.
Press the ENTER button to confirm the setting.

### **Video** Audio Rating Misc

### Language menu

The language menu allows you to select the languages for the OSD, DVD menu, subtitles and audio.

The following options are available:
OSD Language
To select the on-screen display language.

Subtitle
To select the subtitle language.

Audio

To select the audio language.

DVD menu
To select the disc menu language.

### Video menu

The video menu allows you to setup the display and video output options. You can set up the following options:

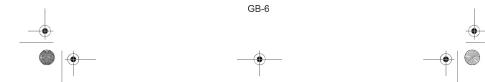
Aspect Ratio
Choose the aspect ratio 4:3 or 16:9.
4:3PS – Select this format to display 4:3 images without distorting the picture. In this case, black bands will appear on left and right of the screen.
4:3LB – Select this format when the unit is connected to a 4:3 TV. Wide-screen images are shown on the screen with black bands on the top and bottom.

16:9 – Select this format to play wide-screen videos in full-screen mode.

View mode
Select one of the following display modes: Fill, Original, Auto Fit, Pan scan.
Fill – Select for playing wide-screen videos on a wide screen.
Original – Select original to display the pictures or videos in their original resolution. Black bands may appear at the right, left, top and bottom of the screen.
Auto Fit – Select this mode to display wide-screen videos on a conventional screen. Black bands will appear at the top and bottom of the screen.

Pan Scan – When a wide-screen video is played, this mode clips the right and left sides of the image so that it can be viewed on a prompta screen.

so that it can be viewed on a normal screen.









### TV System

You can select one of the following systems: PAL, NTSC and AUTO. Select the system that matches your TV.

Video Out

Select one of the following video output sources: S-VIDEO, Component YUV (YCbCr), P-Scan (YPbPr) or RGB.

### Audio menu

Audio menu

Digital Output

OFF – Select this option when no digital output is used.

OFM – Dolby Digital and MPEG 2 multi-channel signals are converted to PCM (Pulse Code Modulation). This setting is suitable for amplifiers or receivers without digital multi-channel sound decoders.

RAW - Dolby Digital signals are unaltered. Generally, this setting is used with a digital 5.1 channel

 $\label{eq:Night Mode} \begin{tabular}{ll} \textbf{Off} - \textbf{Disable} & \textbf{the function.} & \textbf{On} - \textbf{Select this when using the unit at night.} \end{tabular}$ 

Down Sampling
On – Select this option if your connected system is not able to support the sampling frequency of 96 kHz so that the unit can convert it to 48 kHz.

Off – Select this to disable the down sampling function.

RATING menu The Rating menu allows you adjust the Parental Control options.

options.

Set Password

You can change the password to prevent children from accessing the Parental Control settings. Select Set Password, press ENTER and input the default password "8888". Then press ENTER again to input the new password. Press ENTER to confirm the new password.





Select the rating
Select Parental Control , press ENTER and input the password. Press ENTER again to confirm and
then press ENTER again to switch to the rating level selection mode. Select a level and press ENTER

If you forget the password, you can always use the default password "8888".

### Misc menu

**Use default setting**The Default Setting resets the personal settings saved in the DVD setup menu to the factory default.

 $\label{eq:continuous} \textbf{Screen saver} \\ \textbf{Off - Disable the function. On - Enable the screen saver function.}$ 

### PLAYING DVD / CD / VCD DISCS

- Press this button again to close the disc tray. The unit will start playback automatically.

### 2. ► (PLAY/PAUSE)













Press to start playback. Press this button again to pause playback.

### 3. II▶ STEP (Frame-by-Frame Advance)

The image can be advanced frame-by-frame.

• For DVD / VCD playback, press III•STEP to advance frame-by-frame in STEP mode. Press III•PLAY/PAUSE to resume normal playback.

### 4. SLOW

Press the SLOW button to start forward/backward slow motion play in the following sequence: 1/2, 1/4, 1/6, 1/8. Press the PI PLAY/PAUSE button to resume normal playback. Note: Slow motion is not applicable to CD playback.

5. ◄/>> (forward/backward search)
Press the ◄/>> buttons to perform a fast forward or backward search. Press the ENTER button to resume normal playback. Each time these buttons are pressed, the playback speed will be adjusted in the following sequence: x2, x4, x8, x16. Press the ►II PLAY/PAUSE button to resume normal playback.

- 6. I◀♦►► (Skip Forward/Backward)
  When a disc is playing, you can skip backward/forward to the next track or chapter.
   Press the I◀► button to skip to the beginning of the previous chapter or track.
   Press the ▶► button to skip to the beginning of the next chapter or track.
  For audio CD discs, use the number buttons (0 9 on the remote control only) to directly jump to a

### 7. **■** (Stop)

- Press 

  once to stop the current playback instantly and enter the Resume Play mode. Press 
  PLAY/PAUSE to resume playback from the point where the disc was stopped.
- Press twice to stop playback completely. It is now impossible to resume playback from the place where playback was stopped. Press ► PLAY/PAUSE again to start playback from the beginning of the disc.

Press to display the disc menu.

Notes:

This button has no function during playback of an audio CD or VCD.

### 9. TITLE

· Press to display the DVD title menu (the availability of this function depends on the disc).

### 10. ZOOM

- The picture size can be magnified during playback.

  When a disc is playing, press the **ZOOM** button. Each time the **ZOOM** button is pressed, the ZOOM settings will be changed as follows:

  Q1->Q2 -> Q3-> QOFF
- While an image is magnified, use the ▲, ▼, ◀ and ▶ keys to pan the image for viewing.
   To return to the normal view, press the **ZOOM** key until the message QOFF is shown. The screen will return to normal.

### 11. ANGLE

ANGLE (change the viewing angle on a DVD)

Different viewing angles can be selected when playing a DVD video disc that contains scenes recorded from multiple angles.

• Press ANGLE repeatedly to select different viewing angles if available on the disc.

### 12. AUDIO (select the audio languages available on the disc)





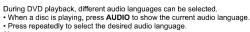












- For VCD playback, the audio output (Left, Right, Mix, Stereo) can be selected using the L/R button.
   There will be no sound output when DTS audio format is selected if a DTS disc is playing.

- 13. SUBTITLE (To select one of the subtitle languages available on the disc)
  During playback, you can change the subtitle language or disable the subtitles function.

  While a disc is playing, press SUBTITLE to show the current subtitle playback language.

  Press repeatedly to select the desired subtitle language.

- Notes:
   This function can only be used for discs on which different subtitle languages have been recorded.
   The number of languages recorded may be different depending on the disc.

### ADVANCED PLAYBACK FUNCTIONS

### DISPLAY function

While the disc is playing, press **DISPLAY** to display playback information available, depending on the disc.

### **GOTO** function

This function allows you to select any point on the disc and to start playback from this point.

Selecting a Specific title/chapter/time for DVD or track/time for CD/VCD
You can select any specific title/chapter/track/time and start playback from this point by directly selecting it.
Press GOTO.

- Press ▲ or ▼ to highlight the title / chapter /track/ time field and press the corresponding number key 0 9.
   Press ENTER to confirm. The unit will then start playback from the selected position.

- Press CLEAR to cancel a selection.
  Some discs may not allow use of this function.
  Some scenes may not be located as precisely as specified.
- This method for accessing a specific location is available only within the current title of the DVD disc or current track of the CD.
- For VCDs, this function only works if PBC is off.
  Press CLEAR to delete any mistakes.

3.Programming playback
The contents of the disc can be played in a selected order.
Press the PROG button.

Note: During VCD/SVCD playback, this function is only available when PBC is OFF.

- 3.1 DVD Programming

  Use the ◀,▶,▲ or ▼ button to highlight the title field and press the number button to enter. Use the ▶ button to highlight the chapter field and press the number button to enter.
- Repeat the above step for the next titles/chapters.

  Highlight ▶PLAY on the screen and press ENTER to start the programmed playback.

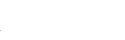
# Clear Program

### 3.2 CD/VCD/SVCD Programming

Refer to the previous section to program the tracks of your choice.

















- · Highlight the program and press the CLEAR button to delete the contents of the program one by Note:
- · Highlight CLEAR Program on the PROG screen and press ENTER to delete all programs.

### 4. Repeat playback

A specific title, chapter or track can be played repeatedly.

Note: During VCD / SVCD playback, repeat playback is only available when PBC is OFF.

### 4.1 Repeating a Title/Chapter/Track/All disc

· Press the REPEAT button

For DVDs: Off > Repeat Chapter > Repeat Title
For CD // CD/SVCD Disc: Off > Repeat single > Repeat all
For MP3 / JPEG / WMA files: Repeat: Off > Repeat single > Repeat Folder

### 4.2 Repeating a Specific Section

- A-B repeat playback allows a specific section to be repeated.

  While the disc is playing, press the A-B button to set the beginning of the section (point A) to be played repeatedly.
- Press the A-B button again to set the end of the section (point B) to be played repeatedly.
  The unit will then immediately begin replaying the selection (A to B) repeatedly.
- Press the A-B button again to clear the programmed repeat playback and return to normal playback.
- The A-B repeat function can only be used within the same title or track. If points A and B are defined in different titles or tracks, A-B repeat is cancelled.

### 5.VCD/SVCD playback control

While a VCD / SVCD is playing, press **PBC** repeatedly to switch PBC (Playback Control) on or off.

If PBC OFF is selected, use the I◀♦▶♦ buttons or the number keys (0-9) to select an option.

### PLAYING MP3 / JPEG / WMA / MPEG 4 FILES

- 1. ► (PLAY/PAUSE)
- Press to start playback. Press it again to pause playback.
- 2. |◀**√**▶▶| (Skip)
- Press to skip to the next/previous track or picture.
- 3.  **(Stop)**
- 3. (Stop)

  Press to stop playback and display the selection menu (JPEG and movie files).

  Note: Press ►II PLAY/PAUSE to play from the beginning.

  4. ZOOM

  Press to zoom into the picture when playing JPEG or MPEG4 files.

- 5. Flipping and rotating a still picture (JPEG)
  Press the navigation keys(▲, ▼, ◄, ▶) to rotate a still picture.

### Selection Menu

- Program:

  1. Press STOP to display the Filter menu.

  2. Press ▶, ▲ or▼ to select Edit Mode and press the ENTER button.
- 3. Then press ◀ to select the file you want and press ENTER.

  4. Press ► to select Add to Program , and press ENTER















then ▲ to select Program View and press ENTER.

5. Then press ◀ to select the file of your choice and press ENTER, then press ▶ to play the file.

- Cancel program:

  1. Press STOP twice, and press ▶ to select Edit mode.

  2. Press ◀ and ENTER to select music you'd like to cancel and ENTER to confirm your operation.

  3. Press ▶ to select Clear program, and press ENTER to cancel the program.

  4. Press ▲ to select Browse view and return to play in order.

  Note: Selection menu is also available for CD.

[MUSIC] --- MP3 / WMA files
The unit will play the MP3 / WMA file currently selected. It will then play all the files in the sub-folders contained within the current folder. After that, the unit will play the remaining folders on the disc.

[PICTURE] --- JPEG files
Press ▶IPLAY/PAUSE, and the unit will start the slideshow from the JPEG file currently selected.
Then you can zoom in on or rotate the displayed pictures. You can also select a folder and display all the files in that folder. Select the folder of your choice and press the ▶IPLAY/PAUSE button. To select a different refresh mode, press the ANGLE button repeatedly.

[MOVIE] --- MPEG 4 files
The unit will read the file currently selected.

### AUDIO CD RIPPING (ENCODING IN MP3 FORMAT)

With this player, you can convert your audio CDs to MP3 format and save the files on a USB device.

During CD music playback, use the  $\blacktriangle, \blacktriangledown, \blacktriangleleft$  or  $\blacktriangleright$  buttons to choose 'Ripping' and then press **ENTER** to enter the Ripping menu. Insert a USB device.

Destination: Select the USB device as the source of storage.
Select all: Select all the files.

Note: You can select any desired files using the  $\blacktriangle$ ,  $\blacktriangledown$ ,  $\blacktriangleleft$  or  $\blacktriangleright$  buttons and press the ENTER button to

TRACK 01 TRACK 02 TRACK 03 TRACK 04 TRACK 05 TRACK 06

Unselect all: Unselect all the files.

Rip quality: Select the ripping quality: Normal, High, Best.

Ripping start: Start ripping. During ripping, you can select CANCEL to stop.

















### TROUBLESHOOTING GUIDE

If it appears that the unit is faulty, first consult this checklist. It may be that something simple has been

Note: Under no circumstances should you try to repair the unit yourself as this will void the warranty. Only qualified service personnel should remove the cover or service this unit.

### NO POWER

- · Check that the player is switched on.
- · Check if the power cord is properly

- Check if the TV is switched on.
- Check if the TV is switched on:
   Check if the correct AV input is selected on the TV (refer to the TV manual for more).
- the IV (refer to the IV manual for more details).

  Check the video connection between the player and TV.

  BAD QUALITY PICTURE

  Check the disc for fingerprints and clean with

- soft cloth, wiping from the center to the
- edge.
   A small amount of picture distortion may
- sometimes appear-this is not a malfunction.

  Check if the disc format is compatible with the TV (PAL/NTSC ).

  BLACK AND WHITE PICTURE

- Check if the disc format is compatible with the TV (PAL/NTSC ).
   Check that the DVD player is not connected.

### through the VCR. PICTURE INTERFERENCE

Relocate the unit further away from possible sources of interference or emission (e.g. radio, power amplifier, radiator etc.).

### THE PLAYER DOES NOT RESPOND TO THE

- REMOTE CONTROL

  · Aim the remote control directly at the sensor on
- the front of the player.

  Avoid all obstacles which may interfere with the
- transmission path.

### · Inspect and/or replace the batteries. NO SOUND

- Check audio connections.
- · If using a Hi-Fi amplifier, try another sound source.
- · Clean the disc.
- Check if the disc is defective by trying

### another disc.

- NO AUDIO FROM DIGITAL OUTPUT

  Check the digital connections.
- Check the audio setup menu to make sure that the digital output is correctly set.
   Check if the audio format selected is compatible.
- with the player.

  DISC CANNOT BE PLAYED

Ensure disc is placed properly into the disc tray.

 IMPROPER FUNCTIONING
 The normal function of the product may be disturbed by external interference. Just reset the product by disconnecting and reconnecting the power cord.















### TECHNICAL SPECIFICATIONS

AC 230V ~ 50 Hz Power supply

9 W Power consumption

Discs and files supported DVD-Video, DVD+R/RW DVD-R/RW, CD-DA, CD-R/RW, MP3,

The cone this player can play discs from zone 2.

This indication is marked on the DVD disc label.

PAL/NTSC TV system

Composite video 1.0 Vp-p 75 Ohm Analog audio out 2. 0V (RMS) / 10K Ohm Video out Audio out

20Hz -20KHz +/- 3dB Frequency response

Output terminals Audio/video (composite) output x 1

SCART output x 1 S-VIDEO output x 1

Y Pb/Cb,Pr/Cr component video output x 1

Digital coaxial output x 1,
Digital optical output x 1

USB port Port type: 2.0

Maximum capacity: 8 GB

Dimensions 360(L) X 220 (W) X 38 (H) mm

Weight (full package) Approx 1.9 Kg

Note: Due to continuing improvements, these technical specifications are subject to change without



If at any time in the future you should need to dispose of this product please note that waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice (Waste Electrical and Electronic Equipment Directive).









